

EXECUTIVE RECOMMENDATION

Blue Plains WWTP: Liquid Train PT 2 - No. 954811

Category: WSSC
 Agency: W.S.S.C.
 Planning Area: Countywide
 Relocation Impact: None

Date Last Modified: January 5, 2009
 Required Adequate Public Facility: No

EXPENDITURE SCHEDULE (\$000)

Cost Element	Thru			Est. 6 Year			Beyond				
	Total	FY08	FY09	Total	FY10	FY11	FY12	FY13	FY14	FY15	6 Years
Planning, Design and Supervision	32,507	24,324	1,708	4,880	1,164	674	961	1,023	696	362	1,595
Construction	189,393	168,148	8,330	6,845	3,591	977	158	23	193	1,903	6,070
Other	2,220	1,925	100	118	48	17	11	10	9	23	77
Total	224,120	194,397	10,138	11,843	4,803	1,668	1,130	1,056	898	2,288	7,742

FUNDING SCHEDULE (\$000)

Municipal (WSSC only)	12,304	10,671	557	651	264	92	62	58	49	126	425
System Development Charge	0	0	0	0	0	0	0	0	0	0	0
WSSC Bonds	211,816	183,726	9,581	11,192	4,539	1,576	1,068	998	849	2,162	7,317

COMPARISON (\$000)

	Total	Thru			Est. 6 Year			Beyond				
		FY08	FY09	Total	FY10	FY11	FY12	FY13	FY14	FY15	6 Years	Approp. Request
Current Approved	228,429	198,218	15,981	11,798	6,774	2,511	832	839	842	0	2,432	0
Agency Request	234,849	192,989	10,333	17,425	8,287	3,626	566	663	1,302	2,981	14,102	8,287
Recommended	224,120	194,397	10,138	11,843	4,803	1,668	1,130	1,056	898	2,288	7,742	4,803
CHANGE				TOTAL	%	6-YEAR	%			APPROP.		
Agency Request vs Approved				6,420	2.8%	5,627	47.7%			8,287	0.0%	
Recommended vs Approved				(4,309)	(1.9%)	45	0.4%			4,803	0.0%	
Recommended vs Request				(10,729)	(4.6%)	(5,582)	(32.0%)			(3,484)	(42.0%)	

Recommendation

APPROVE WITH MODIFICATIONS.

Comments

This project includes funding for WSSC's share of the Blue Plains Advanced Wastewater Treatment Plant "Liquid Train Part 2" capital project.

WSSC's request was based on cost estimates prepared in the early fall using available information from the District of Columbia Water and Sewer Authority (WASA). In December, WASA provided updated cost figures based on its Proposed FY2008 - 2017 Capital Improvement Plan. The Executive recommends changes in the project estimates to align with the amounts proposed by WASA in its FY2008 - 2017 CIP.

The FY10 appropriation request for this project is \$4,803,000.

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
954811	S-22.06	Change

2. Date: October 1, 2008

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

Revised:

5. Agency: **WSSC**

3. Project Name: Blue Plains WWTP: Liquid Train Projects, Part 2

4. Program: **Sanitation** 6. Planning Area: Bi-County**B.****Expenditure Schedule (000's)**

Cost Elements	(8) Total	(9) Thru FY '08	(10) Estimate FY '09	(11) Total 6 Years	(12) Year 1 FY '10	(13) Year 2 FY '11	(14) Year 3 FY '12	(15) Year 4 FY '13	(16) Year 5 FY '14	(17) Year 6 FY '15	(18) Beyond 6 Years
Planning, Design & Supervision	33,369	24,324	904	4,883	833	576	551	656	1,144	1,123	3,258
Land											
Site Improvements & Utilities											
Construction	200,547	168,148	9,327	12,368	7,372	3,014	9		145	1,828	10,704
Other	933	517	102	174	82	36	6	7	13	30	140
Total	234,849	192,989	10,333	17,425	8,287	3,626	566	663	1,302	2,981	14,102

C.**Funding Schedule (000's)**

WSSC Bonds	221,958	182,395	9,766	16,469	7,832	3,427	535	627	1,231	2,817	13,328
City of Rockville	12,891	10,594	567	956	455	199	31	36	71	164	774

D. Description & Justification**DESCRIPTION**

This project provides funding for WSSC's share of Blue Plains liquid train projects for which construction began after June 30, 1993. Major projects include: Improvements to Nitrification/Denitrification Facilities Upgrade; Filtration and Disinfection Rehabilitation; Nitrification Facility Upgrade; and Dual Purpose Sedimentation Basins Rehabilitation.

Service Area Bi-County Area

Capacity 370 MGD

JUSTIFICATION**Plans & Studies**

The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DC-WASA Approved FY 2007 - FY 2016 Capital Improvement Program information (January, 2008).

Specific Data

This is a continuation of the DC-WASA's upgrading of the Blue Plains Wastewater Treatment Plant.

Cost Change

The cost decrease in the six-year period is attributable to construction progress on the Grit Chamber Buildings, Secondary Treatment Facilities, and Filtration Facilities Pumping Station.

STATUS Not Applicable**OTHER**

The project scope has remained the same. Project costs are derived from the DC-WASA Capital & Operating Budget 10-year forecast of spending and WASA's latest project management data, and fully reflect WASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF may not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. Expenditures shown in Column 9 are post-Intermunicipal Agreement. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

District of Columbia Water & Sewer Authority (responsible for design and construction). (Biological Nutrient Removal costs are carried on WSSC Project S-22.08). (Enhanced Nutrient Removal costs are carried on WSSC Project S-22.10).

NOTE This project supports 100% System Improvement.**E. Annual Operating Budget Impact (000's)** FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	19355
Total Costs.....		19355
Impact on Water or Sewer Rate.....		42¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	69,745
Cost Estimate Last FY	228,429
Present Cost Estimate	234,849
Approved Request, Last FY	15,981
Total Expenditures & Encumbrances	192,989
Approval Request FY 10	8,287
Supplemental Approval Request Current FY (09)	

G. Status Information

Land Status:	Not applicable
% Project Completion:	On-Going
Est. Completion Date:	On-Going

H. Map Map Reference Code:**MAP NOT AVAILABLE**